M. A. R. 57 (Rule 116) **No. D**

Measurement Book

162436

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work:- Package-1 1. Improvement of drains and resurfacing to roads in SFS 208 area in ward no 03. Attur. 2. Improvement of drains and resurfacing to roads in SFS 407 area in ward no 3 Attur 3. Improvements of drains and resurfacing to roads in SFS 707 area in ward no 03 Attur. 4. Improvements of drains and resurfacing to roads in Industrial area in ward no 03 ~~Attur~~. 5. Improvements of roads and drains in CHS 707 area in ward no. 3 Attur.						

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

162436

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work:- Package-1 1. Improvement of drains and resurfacing to roads in SFS 208 area in ward no 03. Attur. 2. Improvement of drains and resurfacing to roads in SFS 407 area in ward no 3 Attur 3. Improvements of drains and resurfacing to roads in SFS 707 area in ward no 03 Attur. 4. Improvements of drains and resurfacing to roads in Industrial area in ward no 03 ~~Attur~~. 5. Improvements of roads and drains in EHS 707 area in ward no. 3 Attur.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Job code :- 003-18-000044, 003-18-000045, 003-18-000046, 003-18-000047 and 003-18-000048						
	Est. Amount :- 750.00 Lakhs						
	Agency :- B.B. Unesha (M/S SMLP construction and Asphalt)						
	Work order no and date :- EE(Project)/Ynkzone/100/193/2017-18 dt. 23-03-2018						
	Commencement of work :- 24-03-2018						
	Completion of work :- 27-07-2018						

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

162437

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1.	Removing and refixing stone slabs of drains and pointing in CM (1:3) Quantity vide measurement sheet of page no (39) of enclosed excel sheet @ rate of					14392.69 sqm 102.00	= 1468054.79
2.	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar --- etc complete as per specifications Quantity vide measurement sheet of page no (58) of enclosed excel sheet					5423.60 sqm	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity vide measurement sheet of page no (58) of enclosed excel sheet @ rate of Rs					5423.60 Sqm 849.00	= 4604635.98
3.	Providing precast slab of 100mm thick including cost of all materials, labour, curing --- etc complete as per specifications. Quantity vide measurement sheet of page no (71) of enclosed excel sheet @ rate of Rs					1948.32 Sqm 2415.00	= 4705192.80
4.	Earthwork excavation by manual means in ordinary soil involving an average --- etc complete as per specifications.						

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

Serial No. .....

162438

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity vide measurement sheet of page no (91) of enclosed excel sheet					8302.20 cum	
	@ rate of Rs 225.00 =					1867995.27	
	5. Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs ... etc complete as per specifications						
	Quantity vide measurement sheet of page no (94) of enclosed excel sheet					448.84 cum	
	@ rate of Rs 6827.00 =					3064239.21	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
6.	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar - - - etc complete as per specifications. Quantity vide measurement Sheet of page no (95) of enclosed excel sheet					67.49 cum @ rate of Rs 6712.00 = 457049.05	
7.	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 220 kgs with 20mm - - - etc complete as per specifications. Quantity vide measurement Sheet of page no (96) of enclosed excel sheet					9.65 cum	

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		@	rate	of	Rs	7103.00 =	6~~8529.74~~ 68544
	8. Providing precast slab of 250mm thick including cost of all materials, labour, curing --- etc complete as per specifications. Quantity vide measurement sheet of page no (97) of enclosed excel sheet					160.80 Sqm @ rate of Rs 5871.0 =	9450 21.60
	9. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading --- etc complete as per specifications						

162433

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity vide measurement sheet of page no (104) of enclosed excel sheet @ rate of Rs 177.00					4861.97 = 860568.65	cum
10.	compaction of original ground with maximum of 6 passes of 8 to 10 Tonnes power roller - - etc complete as per specifications. Quantity vide measurement sheet of page no (110) of enclosed excel sheet- @ rate of Rs 7.00					13194.55 = 92361.85	Sqm
11.	construction of granular sub-base by providing close graded material, crushed stone aggregates of - - - etc complete as per						

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

162440

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	specifications. Quantity vide measurement sheet of page no (124) of enclosed excel sheet @ rate of Rs					3092.71 cum 2126.00 = 6575100.50	
12.	Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications ... be complete as per specifications. Quantity vide measurement sheet of page no (143) of enclosed excel sheet @ rate of Rs					4990.88 cum 2256.00 = 11259425.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
13.	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular - - . etc complete as per specifications. Quantity vide measurement sheet of page no (167) of enclosed excel sheet @ rate of Rs					37194.25 Sqm 36.00 =	1360593.00
14.	Providing, laying dense graded bituminous macadam using 40/60 TPH capacity H.M.P. with Mechanical paver - - . etc complete as per specifications. Quantity vide measurement sheet of page no (191) of enclosed excel sheet @ rate of Rs					1839.38 Cum 9089.00 =	16718129.37

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

Serial No. 162441

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
15.	Providing and applying tack coat with bitumen emulsion using 80/100 grade bitumen (VG 20) on the prepared --- etc complete as per specifications. quantity vide measurement sheet of page no (211) of enclosed excel sheet @ rate of Rs					56359.555sqm 15.00=	845393.25
16.	Providing laying bituminous concrete using 120/60 THP capacity H.M.P with mechanical paver --- etc complete as per specification quantity vide measurement sheet of page no (230) of enclosed excel sheet @ rate of Rs					2095.80 cum 10364 =	21720874.25

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
17.	Dismantling of cement concrete pavement by mechanical means using Pneumatic tools, breaking - - - etc complete as per specifications Quantity vide measurement sheet of page NO (233) of enclosed excel sheet					566.30 cum @ rate of Rs 1056.00 = 598013.52	
18.	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300 kgs. with 20mm - - - etc complete as per specifications. Quantity vide measurement sheet of page NO (236) of enclosed excel sheet					424.72 cum @ rate of Rs 7499 = 3184925.65	

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

162442

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
19.	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater - - - etc complete as per specifications Quantity vide measurement sheet of page no (239) of enclosed excel sheet @ rate of Rs					2831.48 sqm 121.00 =	342608.48
20.	Providing groove cutting for width of 5mm to 10mm and depth 80mm-100mm including - - - etc complete as per specifications Quantity vide measurement sheet of page no (260) of enclosed excel sheet @ rate of Rs					1040.00 mtr 156.00 =	162240.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
21.	Road marking with reflect rising glass beads --- etc complete as per specifications Quantity vide measurement sheet of page no (257) of enclosed excel sheet @ Rate of Rs					2006.42 Sqm 693.00	= 1390449.60
22.	Providing and fixing precast solid cement concrete Kerb stones made out of CC 1:2:4 with top and bottom --- etc complete as per specifications. Quantity vide measurement sheet of page no (266) of enclosed excel sheet @ Rate of Rs					3520.00 Nos 424.00	1492480.00

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

162443

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
23.	Painting two coats after filling the surface with synthetic enamel paint in -- etc complete as per specifications. Quantity vide measurement sheet of page no (274) of enclosed excel sheet @ rate of Rs 78.00=					5248.89 Sqm 409413.42	
24.	Providing and fixing of road stud 100x100mm, diecast in aluminium, resistant to corrosive effect of salt and grit, etc complete as per specifications. Quantity vide measurement sheet					1666.00 ~~459.00~~ Nos	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	of page no (276) of enclosed excel sheet Chief & Fund Coord @ rate of Rs 459.00 =						7647694.00
							~~84957995.97~~
							8.49,58,031-2

~~TOTAL AMOUNT =~~ ~~H/. KREDLCH~~ Rs.

Sanctioned vide Lr. No. dt 27/7/18

Rs thi

A.E.

27-7-18

...Rule 116) No. D

...nt Book

162444

Serial No. .....

Name of work ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Nu...	...nsions Breadth	Depth	Contents	Reference to last Measurement
1	2		5	6	7	8
			Total Rs: 8-49,58,031-00			
				IT-	1699161-00	
				Cess-	849580-00	
				CBF-	84958-00	
				Adjn-	26,33,699-00	
				Cheque:	8,23,24,332-00	

Audited & Admitted for Rs.....
Rs: 8-49,58,031-00
.....
Rs: 8,23,24,332-00 ...by Cheque
and Rs. 26,33,699-00 ...by Adjustment

Accts. Supdt.
Project Division
B.B.M.P.
01/08

Exe. Engineer
Project Division
B.B.M.P
1/8/08